PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION   *US/09/052,855A*

DATE: 08/23/98
TIME: 14:29:12

INPUT SET: S28208.raw

1642 #9

ENTERED

This Raw Listing contains the General
Information Section and up to the first 5 pages.

```
 1                          SEQUENCE LISTING
 2
 3   (1)    General Information
 4
 5          (i) APPLICANT: BILLING-MEDEL, PATRICIA
 6                         COHEN, MAURICE
 7                         COLPITTS, TRACEY L.
 8                         FRIEDMAN, PAULA N.
 9                         GORDON, JULIAN
10                         GRANADOS, EDWARD N.
11                         HAYDEN, MARK
12                         HODGES, STEVEN C.
13                         KLASS, MICHAEL R.
14                         KRATOCHVIL, JON D.
15                         ROBERTS-RAPP, LISA
16                         RUSSELL, JOHN C.
17                         STROUPE, STEPHEN D.
18
19          (ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
20                         FOR DETECTING DISEASES OF THE GASTROINTESTINAL
21                         TRACT
22
23          (iii) NUMBER OF SEQUENCES: 30
24
25          (iv) CORRESPONDENCE ADDRESS:
26             (A) ADDRESSEE: Abbott Laboratories
27             (B) STREET: 100 Abbott Park Road
28             (C) CITY: Abbott Park
29             (D) STATE: IL
30             (E) COUNTRY: USA
31             (F) ZIP: 60064-3500
32
33          (v) COMPUTER READABLE FORM:
34             (A) MEDIUM TYPE: Diskette
35             (B) COMPUTER: IBM Compatible
36             (C) OPERATING SYSTEM: DOS
37             (D) SOFTWARE: FastSEQ for Windows Version 2.0
38
39          (vi) CURRENT APPLICATION DATA:
40             (A) APPLICATION NUMBER: 09/052,855
41             (B) FILING DATE: 31-MAR-1998
42             (C) CLASSIFICATION:
43
44          (vii) PRIOR APPLICATION DATA:
45             (A) APPLICATION NUMBER: 08/828,489
46             (B) FILING DATE: 31-MAR-1997
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--> 16
--> 17

INPUT SET: S28208.raw

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47
48        (viii) ATTORNEY/AGENT INFORMATION:
49          (A) NAME: Becker, Cheryl L.
50          (B) REGISTRATION NUMBER: 35,441
51          (C) REFERENCE/DOCKET NUMBER: 6064.US.P1
52
53       (ix) TELECOMMUNICATION INFORMATION:
54          (A) TELEPHONE: 847/935-1729
55          (B) TELEFAX: 847/938-2623
56          (C) TELEX:
57
58          (2) INFORMATION FOR SEQ ID NO:1:
59
60       (i) SEQUENCE CHARACTERISTICS:
61          (A) LENGTH: 273 base pairs
62          (B) TYPE: nucleic acid
63          (C) STRANDEDNESS: single
64          (D) TOPOLOGY: linear
65
66       (ix) FEATURE:
67          (A) NAME/KEY: base_polymorphism
68          (B) LOCATION: 3
69          (D) OTHER INFORMATION: /note= " N' represents an A or G or
70                  T or C polymorphism at this position"
71
72       (ix) FEATURE:
73          (A) NAME/KEY: base_polymorphism
74          (B) LOCATION: 55
75          (D) OTHER INFORMATION: /note= " N' represents an A or G or
76                  T or C polymorphism at this position"
77
78       (ix) FEATURE:
79          (A) NAME/KEY: base_polymorphism
80          (B) LOCATION: 62
81          (D) OTHER INFORMATION: /note= " N' represents an A or G or
82                  T or C polymorphism at this position"
83
84       (ix) FEATURE:
85          (A) NAME/KEY: base_polymorphism
86          (B) LOCATION: 189
87          (D) OTHER INFORMATION: /note= " N' represents an A or G or
88                  T or C polymorphism at this position"
89
90       (ix) FEATURE:
91          (A) NAME/KEY: base_polymorphism
92          (B) LOCATION: 201
93          (D) OTHER INFORMATION: /note= " N' represents an A or G or
94                  T or C polymorphism at this position"
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96       (ix) FEATURE:
97          (A) NAME/KEY: base_polymorphism
98          (B) LOCATION: 204
99          (D) OTHER INFORMATION: /note= " N' represents an A or G or
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100                          T or C polymorphism at this position"
101
102            (ix) FEATURE:
103                 (A) NAME/KEY: base_polymorphism
104                 (B) LOCATION: 206
105                 (D) OTHER INFORMATION: /note= " N' represents an A or G or
106                          T or C polymorphism at this position"
107
108            (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
109
110   GGNCAGAGCC TGCGCAGGGC AGGAGCAGCT GGCCCACTGG CGGCCCGCAA CACTNCGTCT        60
111   TNACCCTCTG GGCCCACTGC ATCTAGAGGA GGGCCGTCTG TGAGGCCACT ACCCCTCCAG       120
112   CAACTGGGAG GTGGGACTGT CAGAAGCTGG CCCAGGGTGG TGGTCAGCTG GGTCAGGGAC       180
113   CTACGGCANC TGCTGGACCA NCTNGNCTTT TCCATCGAAG CAGGGAAGTG GGAGCCTTGA       240
114   GCCCTTGGGT GGAAGCTTGA CCCCAAGCCA CTT                                    273
115
116       (2) INFORMATION FOR SEQ ID NO:2:
117
118       (i) SEQUENCE CHARACTERISTICS:
119          (A) LENGTH: 250 base pairs
120          (B) TYPE: nucleic acid
121          (C) STRANDEDNESS: single
122          (D) TOPOLOGY: linear
123
124       (ix) FEATURE:
125                 (A) NAME/KEY: base_polymorphism
126                 (B) LOCATION: 69
127                 (D) OTHER INFORMATION: /note= " N' represents an A or G or
128                          T or C polymorphism at this position"
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130       (ix) FEATURE:
131                 (A) NAME/KEY: base_polymorphism
132                 (B) LOCATION: 97
133                 (D) OTHER INFORMATION: /note= " N' represents an A or G or
134                          T or C polymorphism at this position"
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137                 (A) NAME/KEY: base_polymorphism
138                 (B) LOCATION: 140
139                 (D) OTHER INFORMATION: /note= " N' represents an A or G or
140                          T or C polymorphism at this position"
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142       (ix) FEATURE:
143                 (A) NAME/KEY: base_polymorphism
144                 (B) LOCATION: 223
145                 (D) OTHER INFORMATION: /note= " N' represents an A or G or
146                          T or C polymorphism at this position"
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149       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
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151   AGAGCCTGCG CAGGGCAGGA GCAGCTGGCC CACTGGCGGC CCGCAACACT CCGTCTCACC        60
152   CTCTGGGCNC ACTGCATCTA GAGGAGGGCC GTCTGTNAGG CCACTACCCC TCCAGCAACT       120
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153    GGGAGGTGGG ACTGTCAGAN GCTGGCCCAG GGTGGTGGTC AGCTGGGTCA GGGACCTACG    180
154    GCACCTGCTG GACCACCTCG CCTTCTCCAT CGAAGCAGGG AANTGGGAGC CTCGAGCCCT    240
155    CGGGTGGAAG                                                          250
156
157            (2) INFORMATION FOR SEQ ID NO:3:
158
159        (i) SEQUENCE CHARACTERISTICS:
160           (A) LENGTH: 250 base pairs
161           (B) TYPE: nucleic acid
162           (C) STRANDEDNESS: single
163           (D) TOPOLOGY: linear
164
165       (ix) FEATURE:
166           (A) NAME/KEY: base_polymorphism
167           (B) LOCATION: 68
168           (D) OTHER INFORMATION: /note= " N' represents an A or G or
169                   T or C polymorphism at this position"
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171       (ix) FEATURE:
172           (A) NAME/KEY: base_polymorphism
173           (B) LOCATION: 232
174           (D) OTHER INFORMATION: /note= " N' represents an A or G or
175                   T or C polymorphism at this position"
176
177       (ix) FEATURE:
178           (A) NAME/KEY: base_polymorphism
179           (B) LOCATION: 233
180           (D) OTHER INFORMATION: /note= " N' represents an A or G or
181                   T or C polymorphism at this position"
182
183
184       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
185
186    TGGCGGCCCG CAACACTCCG TCTCACCCTC TGGGCCCACT GCATCTAGAG GAGGGCCGTC     60
187    TGTGAGGNCA CTACCCCTCC AGCAACTGGG AGGTGGGACT GTCAGAATCT GGCCCAGGGT    120
188    GGTGGTCAGC TGGGTCAGGG ACCTACGGCA CCTGCTGGAC CACCTCGCCT TCTCCATCGA    180
189    AGCAGGGAAG TGGGAGCCTC GAGCCCTCGG GTGGAAGCTG ACCCCAAGCC ANNCTTCACC    240
190    TGGACAGGAT                                                          250
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192            (2) INFORMATION FOR SEQ ID NO:4:
193
194        (i) SEQUENCE CHARACTERISTICS:
195           (A) LENGTH: 233 base pairs
196           (B) TYPE: nucleic acid
197           (C) STRANDEDNESS: single
198           (D) TOPOLOGY: linear
199
200       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
201
202    CCCTCTGGGC CCACTGCATC TAGAGGAGGG CCGTCTGTGA GGCCACTACC CCTCCAGCAA     60
203    CTGGGAGGTG GGACTGTCAG AAGCTGGCCC AGGGTGGTGG TCAGCTGGGT CAGGGACCTA    120
204    CGGCACCTGC TGGACCACCT CGCCTTCTCC ATCGAAGCAG GGAAGTGGGA GCCTCGAGCC    180
205    CTCGGGTGGA AGCTGACCCC AAGCCACCCT TCACCTGGAC AGGATGAGAG TGT           233
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206
207                    (2) INFORMATION FOR SEQ ID NO:5:
208
209           (i) SEQUENCE CHARACTERISTICS:
210               (A) LENGTH: 287 base pairs
211               (B) TYPE: nucleic acid
212               (C) STRANDEDNESS: single
213               (D) TOPOLOGY: linear
214
215           (ix) FEATURE:
216               (A) NAME/KEY: base_polymorphism
217               (B) LOCATION: 17
218               (D) OTHER INFORMATION: /note= " N' represents an A or G or
219                       T or C polymorphism at this position"
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221           (ix) FEATURE:
222               (A) NAME/KEY: base_polymorphism
223               (B) LOCATION: 60
224               (D) OTHER INFORMATION: /note= " N' represents an A or G or
225                       T or C polymorphism at this position"
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227           (ix) FEATURE:
228               (A) NAME/KEY: base_polymorphism
229               (B) LOCATION: 193
230               (D) OTHER INFORMATION: /note= " N' represents an A or G or
231                       T or C polymorphism at this position"
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235   CACGAGGGCC GTCTGTNAGG CCACTACCCC TCCAGCAACT GGGAGGTGGG ACTGTCAGAN    60
236   GCTGGCCCAG GGTGGTGGTC AGCTGGGTCA GGGACCTACG GCACCTGCTG GACCACCTCG   120
237   CCTTCTCCAT CGAAGCAGGG AAGTGGGAGC CTCGAGCCCT CGGGTGGAAG CTGACCCCAA   180
238   GCCACCCTTC ACNTGGACAG GATGAGAGTG TCAGGTGTGC TTCGCCTCCT GGCCCTCATC   240
239   TTTGCCATAG TCACGACATG GATGTTTATT CGAAGCTACA TGAGCTT              287
240
241              (2) INFORMATION FOR SEQ ID NO:6:
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243           (i) SEQUENCE CHARACTERISTICS:
244               (A) LENGTH: 263 base pairs
245               (B) TYPE: nucleic acid
246               (C) STRANDEDNESS: single
247               (D) TOPOLOGY: linear
248
249           (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
250
251   GATGTTTATT CGAAGCTACA TGAGCTTCAG CATGAAAACC ATCCGTCTGC CACGCTGGCT    60
252   GGCCTCGCCC ACCAAGGAGA TCCAGGTTAA AAAGTACAAG TGTGGCCTCA TCAAGCCCTG   120
253   CCCAGCCAAC TACTTTGCGT TTAAAATCTG CAGTGGGGCC GCCAACGTCG TGGGCCCTAC   180
254   TATGTGCTTT GAAGACCGCA TGATCATGAG TCCTGTGAAA AACAATGTGG GCAGAGGCCT   240
255   AAACATCGCC CTGGTGAATG GAA                                          263
256
257              (2) INFORMATION FOR SEQ ID NO:7:
258
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/052,855A*

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Line	Error	Original Text
16	Response Exceeds Line Limitations	RUSSELL, JOHN C.
17	Response Exceeds Line Limitations	STROUPE, STEPHEN D.